

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,002,939 B1  
APPLICATION NO. : 09/807287  
DATED : February 21, 2006  
INVENTOR(S) : Katsuhiko Hiramatsu

Page 1 of 1

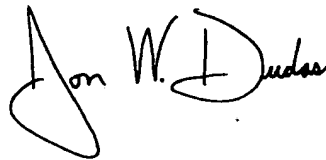
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**On the title page item (54) and Col.1, line 1, should read as follows:**  
**—COMMUNICATION TERMINAL APPARATUS AND CHANNEL**  
**ESTIMATION METHOD,— not “COMMUNICATION TERMINAL DEVICE**  
**AND CHANNEL ESTIMATION METHOD.”**

**On the title page insert item —(30) Foreign Application Priority Data, Aug. 27,**  
**1999 JP .....11-241621.—**

Signed and Sealed this

Nineteenth Day of September, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*